



# Work Order ID 68933

Monday, April 25, 2011 1:53:24 PM



Page 1

Item ID: D3183-5

Accept



Setup Start



Revision ID:

Item Name: Bearing

Stop



Start Date: 4/25/2011 Start Qty: 30.00



Cust Item ID:

Required Date: 4/29/2011 Req'd Qty: 30.00



Customer:

Reference:

Approvals:

Process Plan:



Date: 11-04-25

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr	Revision Nbr
D3183	Rev C1

100



PURCHASING

Purchasing

Memo

0.00

11-04-25

30

Purchasing

Issue P/O: 13939 □ Bearing as per Dwg D3183 □ Single row, deep groove, Conrad type, shielded □ Possible Supplier: NSK P/N 6800ZZ □ Certificate of conformity note is required

110



Receive & Inspect for Damage & Mat'l Certs

0.00

11-04-27 (30)

Packaging

Packaging

Memo

0.00

Ensure certificate of confromity is attached

120



QC6- Inspect dimensions to drawing

0.00

11-04-27

WINTER

(30)

QC

Quality Control

Memo

0.00



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**Work Order ID 68933**

Monday, April 25, 2011 1:53:24 PM



Page 2

Item ID: D3183-5

Accept



Setup Start



Revision ID:

Item Name: Bearing

Stop



Start Date: 4/25/2011 Start Qty: 30.00



Cust Item ID:

Required Date: 4/29/2011 Req'd Qty: 30.00



Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

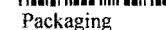
Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Identify as per dwg & Stock Location 220

0.00

11/4/27 MF (30L)



Packaging

Memo

0.00

Packaging

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/4/28 MF

11-04-28

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

Page 1

Monday, April 25, 2011 1:53:31 PM

Work Order ID: 68933



Parent Item: D3183-5



Parent Item Name: Bearing

Start Date: 4/25/2011

Required Date: 4/29/2011

Start Qty: 30.00

Required Qty: 30.00

Comments: IPP: A□03.03.27□New issue□KJ/RF

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
6800ZZ 		Purchased		No		100	Each	0.0000	1	30		<i>4/1/2011</i>	<i>(C)</i>

Bearing

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

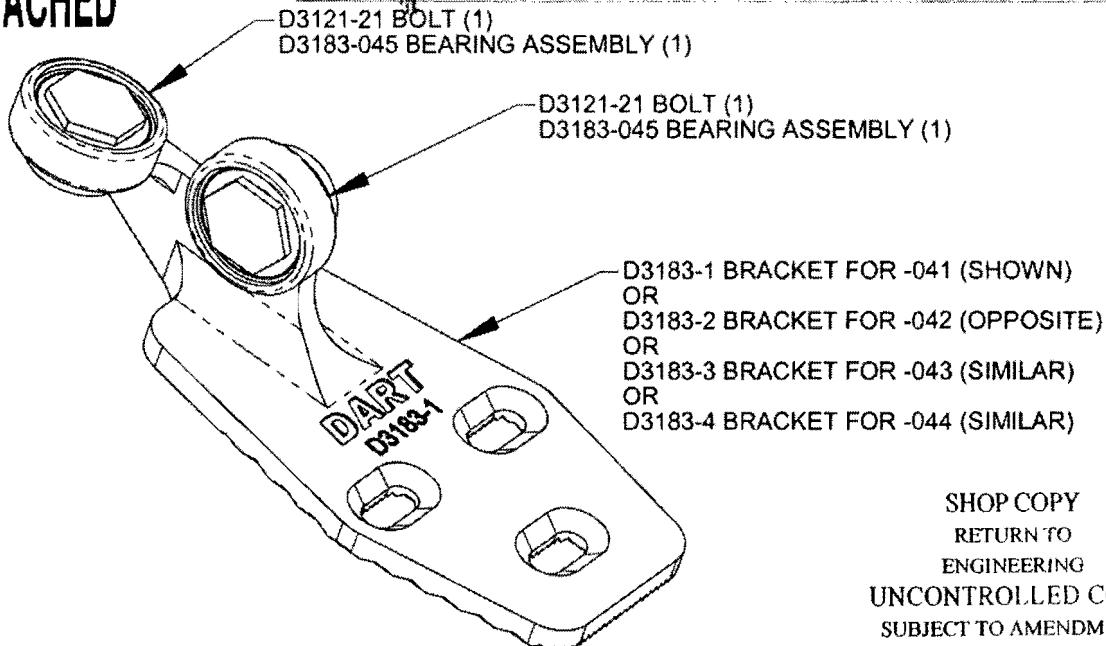


RELEASER  
04.03.01 C/D  
DET ATTACHED

DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO.	REV. C
		D3183	SHEET 1 OF 4

DATE 04.02.17 TITLE BRACKET ASSEMBLY SCALE 1:1

RELEASED  
04.03.01 C/D  
DET ATTACHED

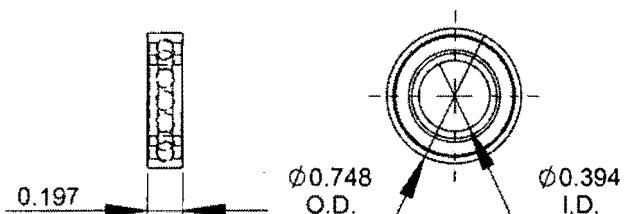


SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT

WITHOUT NOTICE  
WORK ORDER  
NO. 18933

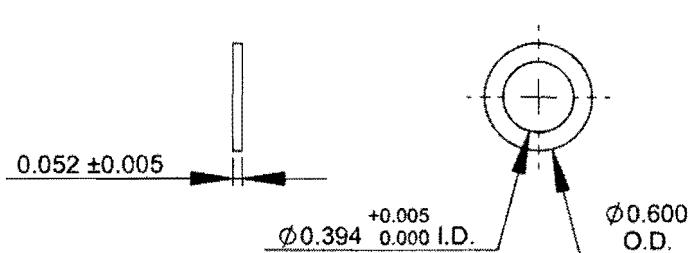
11-0425

D3183-041 BRACKET ASSEMBLY (SHOWN)  
D3183-042 BRACKET ASSEMBLY (OPPOSITE)  
D3183-043 BRACKET ASSEMBLY (SIMILAR)  
D3183-044 BRACKET ASSEMBLY (SIMILAR)



#### D3183-5 BEARING: SPECIFICATION CONTROL DRAWING

- 1) SINGLE ROW, DEEP GROOVE, CONRAD TYPE, SHIELDED
- 2) POSSIBLE SUPPLIER: NSK P/N 6800ZZ
- 3) ALL DIMENSIONS ARE IN INCHES



#### D3183-7 WASHER

- 1) MATERIAL: AISI 303 ROUND BAR (M303R)  
ANNEALED
- 2) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 3) TOLERANCES ARE PER DART QSI 018  
UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

**Purchase Order ID PO13939**

Purchase Order Date 4/25/2011  
PO Print Date 4/25/2011

Page Number 1 of 1

Order From : VC-MAI001

MAIN INDUSTRIAL SALES LTD.  
1475, TESSIER  
HAWKESBURY, ON K6A 3S6  
CA

APR 26 2011  
FAPR 26 11  
BL

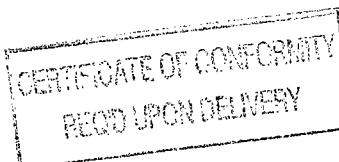
Contact Name	Buyer	Brigitte Golden
Vendor Phone	Requisition Nbr	
Vendor Fax	Tax Resale Nbr	10127-2607
Vendor Account Nbr	Terms	Net 30
	Currency	CAD
	FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	6800ZZ	Bearing	5/16/2011 Yes	30.00 Each	Yours ppd	\$1.4800	\$44.40

Special Inst: As per DWG: D3183 Rev:C1  
B68933  
Single Row, Deep Groove, Conrad type,  
Shielded, NSK P/N 6800ZZ

PO Total: \$44.40



bgolden@dartaero.com

Change Nbr: 1

Change Date: 4/25/2011

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable



# MAIN INDUSTRIAL SALES LTD.

1475 TESSIER ST.  
HAWKESBURY ON K6A 3S6  
Phone: (613) 632-3595 Ext. Fax: (613) 632-0262  
sales@mainindustrialsales.com

# Packing Slip

DATE April 26, 2011  
NUMBER 0000143987  
CUSTOMER NO. DART

**BILL TO:**

DART AEROSPACE LTD.  
1270 ABERDEEN ST.  
HAWKESBURY ON K6A 1K7

**SHIP TO:**

DART AEROSPACE LTD.  
1270 ABERDEEN ST.  
HAWKESBURY ON K6A 1K7

(613) 632-5200 Ext:

(613) 632-5200 Ext.

P.O. NUMBER	SALESPERSON	ORDER DATE	REQ. DATE	ORDER NUMBER
13939	EB	26-Apr-11		0000143987
F.O.B.	SHIP VIA	TERMS		
F.O.B. value	PICK UP	NET 30 DAYS		
PART NUMBER			QUANTITY	
DESCRIPTION			UOM	REQ. SHIPPED B.O.
0-68002ZKML BALL BEARING			EA	30 30
YOUR PART #6800ZZ				

